

ON THE DATES OF ISSUE OF SOWERBY'S "CONCHOLOGICAL ILLUSTRATIONS," FROM THE COPY PRESERVED IN THE RADCLIFFE LIBRARY, OXFORD.

By H. O. N. SHAW, F.Z.S.

Read 12th March, 1909.

THE copy of this work in the above Library is incomplete, containing only the first 160 parts out of the total 200. It is probably owing to this fact that the lists printed on small paper have been bound up with the parts to which they belong, as the binders did not see the "Instructions" (issued in part 200) where they were told to omit these said lists. Out of the original 160 parts that I have seen, only 106 are dated, but from these in many cases it is possible to fill in some of the lacunæ by observing the dates of the parts before and after.

The first few parts were published weekly; part 5 is not dated, but part 4 was issued on October 19th, 1832, and part 6 on November 2nd, 1832; it is therefore highly probable that part 5 was issued on October 26th. In many cases, of course, this is not possible after the weekly issue broke down, as parts were then issued at periods of from two weeks to two months after the preceding one, and in these cases all that can be said, from the knowledge we now possess, is that part . . . was issued between . . . and . . . , the dates of the nearest parts before and after.

It is to be hoped that owners of copies of this work who have any of the missing dates will publish them, and thus complete the work we have undertaken.

PART.	DATE OF ISSUE.	GENUS.	FIGURES CONTAINED IN PART.	REMARKS PRINTED ON THE SMALL LIST ACCOMPANYING THE PARTS.
1	"Sept. 28, 1832" ?	<i>Cypræa</i>	1, 3-8*	
2	"Oct. 5th, 1832" ?	"	1, 9-13	
3	Oct. 12th, 1832	"	2, 12*-19	
4	Oct. 19th, 1832	"	2, 12***, 20-5	
5	"Oct. 26th, 1832" ?	"	2*, 16*, 22*, 26-8, 44	
6	Nov. 2nd, 1832	"	29-38, 44, 49	
7	Nov. 9th, 1832	"	2*, 38*, 39*, 41-8, 50	" N.B. A part of the Catalogue of the Cypræade is given with this" (probably pp. 1-8 ?).
8		"	40, 51-61	The rest, pp. 9-18, probably with part 8 ?
9	Nov. 30th, 1832	<i>Cancellaria</i>	1-9	
10	Dec. 7th, 1832	"	10-18	
11	Dec. 21st, 1832	"	19-27	
12	Dec. 28th, 1832	"	28-35	
13	Jan. 4th, 1833	"	36-44	

PART.	DATE OF ISSUE.	GENUS.	FIGURES CONTAINED IN PART.	REMARKS PRINTED ON THE SMALL LIST ACCOMPANYING THE PARTS.	
14	Jan. 11th, 1833	<i>Nucula</i>	1-3	“ And the Catalogue of the genus <i>Cancellaria</i> is given, from which, Mr. Sowerby regrets to observe, one species, namely the <i>C. bulbulus</i> , has been inadvertently omitted.”	
15	Jan. 18th, 1833	„	4-17	And Catalogue.	
16		„	18-24*		
17		<i>Amphidesma</i>	1-4		
18		„	5-7		
19		„	8-10*		
20		<i>Eburna</i>	1-5	And Catalogue.	
				In the Catalogue nine species are quoted; only five are figured, which with the original list were all issued in part 20.	
21	March 8th, 1833	<i>Bulinus</i>	1-3		
22	March 15th, 1833	„	4-8		
23	March 22nd, 1833	„	9-13	“ By an unfortunate oversight a species of <i>Partula</i> has found admittance to this plate. We can only promise to rectify this error by repeating the <i>Partula</i> in its proper place.”	
24	March 29th, 1833	<i>Conus</i>	1-7		
25	April 12th, 1833	„	8-14		
26	April 19th, 1833	<i>Bulinus</i>	14-17		
27	May 3rd, 1833	„	18-22*		
28	May 10th, 1833	<i>Conus</i>	15-21		
29	May 17th, 1833	„	22-9		
30		<i>Bulinus</i>	23-32		
31		„	33-9		
32		<i>Conus</i>	30-3		
33		„	34-41		
34	July 12th, 1833	<i>Bulinus</i>	39-48	“ Those marked with a (*) are from Mr. Cuming's collection.”	
35	July 19th, 1833	„	49-58	„	
36		<i>Conus</i>	42-9	„	
37		„	50-8	„	
38		<i>Chiton</i>	1-8	„	
39		„	9-14	„	
40		„	15-21	„	
41		„	22-30	„	
42		„	31-7	„	
43		„	38-43	„	
44		„	44-8	„	
45		„	49-55	„	
46		<i>Cardium</i>	1-4	„	
47		„	5-10	„	
48		Jan., 1834	„	11-15	„
49		Jan., 1834	„	16-21	„
50	Feb., 1834	„	22-5	„	
51	Feb., 1834	„	26-31	„	
52		<i>Eulima</i>	} all	Issued together with Catalogue.	
53		„			

PART.	DATE OF ISSUE.	GENUS.	FIGURES CONTAINED IN PART.	REMARKS PRINTED ON THE SMALL LIST ACCOMPANYING THE PARTS.
54	April 15th, 1834	<i>Conus</i>	59-67	
55	April 15th, 1834	"	68-75	
56	April 30th, 1834	"	} 76-91	Issued together.
57	April 30th, 1834	"		
58	May 30th, 1834	<i>Murex</i>	1-7	
59	May 30th, 1834	"	8-14	
60	June 15th, 1834	"	15-21	
61	June 15th, 1834	"	22-9	
62	June 30th, 1834	"	} 30-40	" "
63	June 30th, 1834	"		
64		"	} 41-51	" "
65		"		
66	Oct. 1st, 1834	"	} 52-8	" "
67	Oct. 1st, 1834	"		
68		<i>Fissurella</i>	} 1-14	" Note, as very few species of this Genus are WELL figured, it has been thought advisable to give in these Conchological Illustrations, representations of ALL that we know at present." Issued together.
69		"		
70	Dec. 21st, 1831	"	} 15-27	Issued together (misprint for 1834).
71	Dec. 21st, 1831	"		
72	Jan., 1835	"	} 28-39*	Issued together.
73	Jan., 1835	"		
74	Jan., 1835	"	} 40-51	" "
75	Jan., 1835	"		
76		"	} 52-63	" "
77		"		
78	May 25th, 1835	"	64-9	" A complete Catalogue of the Fissurellæ will be given in the 80th part, with figures of the remaining species."
79	May 25th, 1835	<i>Monoceros</i>	1-4	
80	June 30th, 1835	<i>Fissurella</i>	70-7	And Catalogue, pp. 1-8.
81	June 30th, 1835	<i>Monoceros</i>	5-7	
82	July 25th, 1835	"	} 8-16	Issued together with Catalogue.
83	July 25th, 1835	"		
84	Sept. 15th, 1835	<i>Ranella</i>	} 1-8	Issued together.
85	Sept. 15th, 1835	"		
86	Sept. 29th, 1835	<i>Neritina</i>	} 1-8c	Issued together. "Sa-e. <i>brevi-spinosa</i> , several stages of growth and varieties with and without spines."
87	Sept. 29th, 1835	"		
88		<i>Ranella</i>	} 9-15	Issued together.
89		"		
90	Jan. 1st, 1836	<i>Neritina</i>	} 9-18	" "
91	Jan. 1st, 1836	"		
92	Jan., 1836	<i>Ranella</i>	} 16-22	" "
93	Jan., 1836	"		
94	March 30th, 1836	<i>Neritina</i>	} 19-27	" "
95	March 30th, 1836	"		
96	May 2nd, 1836	"	} 28-38	" "
97	May 2nd, 1836	"		

PART.	DATE OF ISSUE.	GENUS.	FIGURES CONTAINED IN PART.	REMARKS PRINTED ON THE SMALL LIST ACCOMPANYING THE PARTS.
98	May 15th, 1836	<i>Neritina</i>	} 39-51	Issued together.
99	May 15th, 1836	"		
100	June 30th, 1836	<i>Cypræa</i>	} 52-60	Issued together. "69" (<i>C. Childreni</i>) "accidentally omitted in the Catalogue of recent species of Cypræadæ."
101	July 30th, 1836			
102	July 30th, 1836			
103	Aug. 31st, 1836	"	} 72-9	Issued together.
104	Aug. 31st, 1836	"		
105	Oct. 31st, 1836	"	} 80-7	" "
106	Oct. 31st, 1836	"		
107	Oct. 31st, 1836	"	} 88-95	" "
108	Oct. 31st, 1836	"		
109	Nov. 30th, 1836	"	} 96-104	" "
110	Nov. 30th, 1836	"		
111	Dec. 31st, 1836	"	} 105-12	" "
112	Dec. 31st, 1836	"		
113	Jan. 15th, 1837	"	} 113-22	" "
114	Jan. 15th, 1837	"		
115	March 1st, 1837	"	} 123-32	" "
116	March 1st, 1837	"		
117	March 31st, 1837	"	} 133-40	Issued together. (Plates and list printed 123-30, corrected in the reprinted Catalogue.)
118	March 31st, 1837	"		
119	May 1st, 1837	"	} 141-8	Issued together. (Plates and list printed 131-8, corrected in the reprinted Catalogue.)
120	May 1st, 1837	"		
121	May 31st, 1837	"	} 149-55	Issued together.
122	May 31st, 1837	"		
123	June 30th, 1837	"	} 156-62	" "
124	June 30th, 1837	"		
125	July 15th, 1837	"	} 163-8	" "
126	July 15th, 1837	"		
127	Sept. 1st, 1837	"	} 169-74	" "
128	Sept. 1st, 1837	"		
129	Oct. 31st, 1837	"	} 175-7	" "
130	Oct. 31st, 1837	"		
131	Nov. 15th, 1837	"	178-81	With the Index to the Cypræadæ, pp. i-vii.
132		<i>Margarita</i>	} all	Probably all three parts with the Catalogue were issued together; as there are no small lists with these parts.
133		"		
134		"		
135		<i>Chilina</i>	} all	Issued together with Catalogue.
136		"		
137		<i>Bulinus</i>	} 59-66	Issued together.
138		"		
139		"	} 67-78	" "
140		"		
141		"	} 79-87	" "
142		"		
143		"	} 88-97	" "
144		"		

PART.	DATE OF ISSUE.	GENUS.	FIGURES CONTAINED IN PART.	REMARKS PRINTED ON THE SMALL LIST ACCOMPANYING THE PARTS.
145	Oct. 31st, 1838	<i>Bulinus</i>	} 98-103	Issued together.
146	Oct. 31st, 1838	"		
147	Dec., 1838	<i>Conus</i>	} 92-102	" "
148	Dec., 1838	"		
149		<i>Cardium</i>	} 32-9	" "
150		"		
151		<i>Conus</i>	} 103-11	" "
152		"		
153	April 15th, 1839	"	} 112-19	" "
154	April 15th, 1839	"		
155	May 15th, 1839	"	} 120-7	" "
156	May 15th, 1839	"		
157	June, 1839	"	} 128-37	" "
158	June, 1839	"		
159		<i>Chiton</i>	} 56-67	" "
160		"		

(End of Radcliffe copy.)

Parts 161-76 are on the genus *Chiton*.

Parts 177-84 are on the genus *Cardium*.

Parts 185-6 are on the genus *Bulinus*.

Parts 187-99 are on the genus *Murex*.

Part 200, containing the genus *Typhis*, with the catalogue of same, and the new title page, dated 1841 (with the table of contents), were issued in this last part, together with the reprinted catalogues of the genera *Amphidesma*, *Bulinus*, *Cancellaria*, *Chilina*, *Eburna*, *Eulima*, *Monoceros*, *Neritina*, and *Nucula*, as the original texts of the above had been printed on smaller paper than the rest of the work.

The dates of the catalogues given in the table (in the cases where they were afterwards reprinted) are those of the original edition.

The following notes are printed on the first pages of the original catalogues of the genera *Nucula* and *Cancellaria*, and do not appear in the reprinted ones.

Nucula.

"These are small bivalves, exceedingly variable in form, but all well characterized by an internal ligament and by a series of minute, sharp-pointed teeth, on each side of the ligament, in each valve. Very few of them agree in form with that one, which from its resemblance to a little nut, has given rise to their generic appellation. They do not appear to have excited the attention of Naturalists in any great degree, for Lamarek has only mentioned six recent species. He appears, moreover, to have been very imperfectly acquainted with the characters of the genus; for he speaks of them as forming by their nacreous interior and by the situation of the ligament of their valves, an evident transition to the *Trigonie*. In fact, though several of the

Nuculæ, at least of such as have nearly the same form as his *N. margaritacea*, are pearly within, the number of such is really very few; and the ligament in the Trigonæ is entirely external, whereas in all the Nuculæ it is almost wholly internal. Besides the six species mentioned by Lamarek, three are given by Montagu, three by Say in his American Conchology, one in my own work on the Genera of Shells, one in Wood's Suppt. and one in the Zool. Journ. To these 15 I now had [*sic*] 9 from my own collection, and 10 collected by Mr. Cuming."

Differences between the original and the reprinted catalogues—

<i>Original.</i>	<i>Reprint.</i>
No. 7. Mont. Test. Brit., Sup., p. 55, t. 27, f. 7.	Mont. Test. Brit., Sup., p. 55, t. 27.
No. 10. <i>fluviatilis</i> nobis, Schroëtter, Flusconch: Sowerby, Gen. of Shells.	<i>fluviatilis</i> nobis: Sow., Gen. of Shells.
No. 26. <i>margaritacea</i> , Lam.: Sowerby, Gen. of Shells, No. 17, f. 7, British.	<i>margaritacea</i> , Lam.: Sow., Gen. of Shells, f. 7, British.

Cancellariæ.

"The scientific Public and Conchologists are already aware that it is intended to introduce in this work figures and descriptions of all the new species which have been collected by Mr. H. Cuming. They will be brought in under the various Genera to which they belong; and several have already appeared among the Cypræadæ. I take this opportunity of drawing the attention of Naturalists to this subject, in this place, because it will be seen that half the number of species of the beautiful Genus *Cancellaria* at present known have been discovered and first brought to England by that Gentleman, to whose indefatigable industry we are indebted for the knowledge of at least 500 species of various Genera, among which are several new Genera and a great variety of the most interesting and remarkable species. The care and precision with which Mr. Cuming has preserved all the particulars relative to localities and habitations of the various subjects collected by him, entitle him to our warmest admiration and praise, and I shall gladly avail myself of the advantages afforded to me by this circumstance, not only in stating the localities and habitats of such Shells as have been first discovered by Mr. Cuming, but of such others as we were previously acquainted with, though we know not those particulars. The descriptions of all the species discovered by Mr. Cuming either have appeared or will appear in the 'Proceedings of the Committee of Science of the Zoological Society,' to which we shall refer, by the initials Z.P.

"The list here given of the species of the Genus *Cancellaria* will be found to be much more copious than that in Lam. Hist. nat. des Anim. sans vert. where only nine species that really belong to the Genus are given,* eight of these are in this list, and to these I have added one in my work on the Genera of Recent and Fossil Shells, two in the catalogue of the Tankerville Collection, and sixteen in the present Conchological Illustrations: the remaining twenty-one have been discovered by Mr. Cuming, and are figured from his collection."

Proceedings, 1836). They are not included in the Catalogue published in the early part of this work. N.B. G. B. S. Jun. is sorry to observe that the numerical figures in the plates and lists of parts 117 and 118¹ are incorrect. Instead of figs. 123 to 130, they should be fig. 133 to 140. Persons possessing incorrect copies, may have them exchanged by applying to G. B. S. Jun. for the purpose."

Cypræa, Parts 129, 130 (referring to fig. 177). "Another view to be given in the next part. G. B. S. Jun. regrets exceedingly that having no present means of access to the only Specimens of the two latter Species (*C. leucodon* and *C. guttata*) he has been under the necessity of copying the figures from the Zoological Journal."

Cypræa, Part 8. "Mr. Sowerby is exceedingly sorry to observe that the *Cypræa Childreni* has been inadvertently omitted from the catalogue of the *Cypræadæ*; it should be placed near to *C. globulus*."

Conus, Parts 147, 148. "G. B. S. Jun. takes this opportunity of stating his intention to proceed with a complete illustration of the Genus *Conus*, with a catalogue."

Dates of issue of the Catalogues as far as known.

- Amphidesma*. Original Cat., pp. 1-2, with part 19, 1833. Reprint, pp. 7-8, with part 200, 1841.
- Bulinus*. Original list, pp. 1-4, with part 186? Reprint, pp. 5-8, with part 200, 1841.
- Cancellaria*. Original Cat., pp. 1-10, with part 14, 1833. Reprint, pp. 1-8, with part 200, 1841.
- Cardium*. Cat., pp. 1-8, with part 184? 1840?
- Chilina*. Cat., p. 1, with parts 135-6, 1838. Reprint, pp. 1-2, with part 200, 1841.
- Chiton*. Cat., pp. 1-7, with part 168?
- Cat., pp. 1-8, before part 176? 1840?
- List, pp. 9-10, with part 176? June, 1840?
- Conus*. List, pp. 1-4, in 1841.
- Cypræadæ*. Cat., pp. 1-8, with part 7, 1832.
- Cat., pp. 9-18, including *Erato*, pp. 14-16, and *Oculum*, pp. 16-18, with part 8? 1832.
- Index, pp. 1-7, with part 131, 1837.
- Eburna*. Original Cat., p. 1, with part 20, 1833. Reprint, pp. 1-2, with part 200, 1841.
- Eulina*. Original Cat., pp. 1-2, with parts 52-3, 1834. Reprint, pp. 1-2, with part 200, 1841.
- Fissurella*. Cat., pp. 1-8, with part 80, 1835.²
- Margarita*. Cat., p. 1, probably with parts 132-4, 1837? as these parts contain no small lists.
- Monoceros*. Original Cat., p. 1, with parts 82-3, 1835. Reprint, pp. 3-4, with part 200, 1841.
- Murex*. Cat., pp. 1-9, and Index, pp. 1-2, with part 199, 1841.
- Neritina*. Cat., pp. 1-4, and List, pp. 5-6, after part 160. Reprint Cat. and List, pp. 1-6, with part 200, 1841.
- Nucula*. Original Cat., pp. 1-5, with part 16, 1833. Reprint, pp. 3-6, with part 200, 1841.
- Ranella*. Index, pp. 7-8, after part 160, 1841?
- Typhis*. Cat., pp. 1-2, with part 200, 1841.

The dates of issue of the catalogues and lists of *Bulinus*, *Cardium*, *Chiton*, *Conus*, *Murex*, *Neritina*, *Ranella* are uncertain. It is evident that they did not appear till after July, 1839 (part 160), as none of them are contained in the Radcliffe copy.

¹ Also 119, 120, printed figs. 131-8 should be figs. 141-8.

² I have been unable to find when the "List of Figures" (pp. 1-2) was issued. It must have been after part 160, as it is not contained in parts 1-160.